

09/07/2006 14:01

612.338.3801

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PAGE 1/18



**HAMRE, SCHUMANN,  
MUELLER & LARSON, P.C.**  
AN INTERNATIONAL INTELLECTUAL PROPERTY LAW FIRM

FAX TRANSMISSION      **7 September 2006**

**TO:** Mail Stop: PCT  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**FROM:** Douglas P. Mueller  
**OUR REF:** 8279.974USWO  
**TELEPHONE:** (612) 455.3800

Total pages, including cover letter:      **18**

PTO FAX NUMBER: 571.273.3201

If all pages are NOT received, please call us at 612.455.3800 or fax us at 612.455.3801.

Title of Document: **Communication, Notification of Missing Requirements, Copy of documents filed 14 February 2006, Auto-reply facsimile transmission**  
 Applicant: ASADA et al.  
 Serial No.: 10/553943  
 App. Filed: October 20, 2005  
 Group Art No.: Unknown

Please charge any additional fees or credit overpayment to Deposit Account No. 50-3478. Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

By: Curtis B. Hamre  
 Name: Curtis B. Hamre  
 Reg. No.: 29,165

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

Heidi J. McCarty

A handwritten signature in black ink, appearing to read "Heidi J. McCarty".

Signature

**7 September 2006**  
 Date

225 SOUTH SIXTH STREET · SUITE 2650 · MINNEAPOLIS · MN 55402  
 TEL 612.455.3800 · FAX 612.455.3801  
 WWW.HSML.COM · MAIL@HSML.COM

S/N 10/553943

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	ASADA et al.	Examiner:	Unknown
Serial No.:	10/553,943	Group Art Unit:	Unknown
Filed:	October 20, 2005	Docket No.:	8279.974USWO
Title:	NOVEL SUBSTANCE HAVING ALPHA-GLUCOSIDASE INHIBITING ACTIVITY AND FOOD CONTAINING THE SAME		

**CERTIFICATE UNDER 37 CFR 1.6(d):**  
 I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on 7 September 2006.

By:   
 Name: Heidi J. McCarty

COMMUNICATION

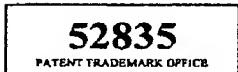
Mail Stop: PCT  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450

Dear Sir:

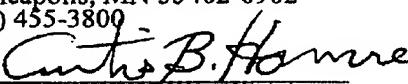
In response to the Notification of Missing Requirements mailed 31 July 2006, Applicants note that the Combined Declaration and Power of Attorney was filed with the U.S. Patent and Trademark Office on 14 February 2006. A copy of the documents as filed on 14 February 2006, and the auto-reply facsimile transmission are attached herewith. Applicants submit that the requirements within the Notice have been fulfilled.

If a telephone conference would be helpful in resolving any issues concerning this communication, please contact Applicants' primary attorney-of record, Douglas P. Mueller (Reg. No. 30,300), at (612) 455.3804.

Respectfully submitted,



HAMRE, SCHUMANN, MUELLER &  
 LARSON, P.C.  
 P.O. Box 2902  
 Minneapolis, MN 55402-0902  
 (612) 455-3800

By:   
 Curtis B. Hamre  
 Reg. No. 29,165

Dated: 7 September 2006

DPM/CBH/hjm

Page 1 of 2



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
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 Alexandria, Virginia 22313-1450  
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/553,943	Masanori Asada	8279.974USWO
		INTERNATIONAL APPLICATION NO.
		PCT/JP04/05865
		I.A. FILING DATE      PRIORITY DATE
		04/23/2004      04/24/2003
CONFIRMATION NO. 6146		
371 FORMALITIES LETTER		
 *OC000000019814200*		

Date Mailed: 07/31/2006

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 10/20/2005
- English Translation of the IA filed on 10/20/2005
- Copy of the International Search Report filed on 10/20/2005
- Copy of IPE Report filed on 10/20/2005
- Small Entity Statement filed on 10/20/2005
- Request for Immediate Examination filed on 10/20/2005
- U.S. Basic National Fees filed on 10/20/2005
- Priority Documents filed on 10/20/2005
- Specification filed on 10/20/2005
- Claims filed on 10/20/2005
- Abstracts filed on 10/20/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

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Page 2 of 2

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is \$65 for a Small Entity:

- \$65 Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

VONDA M WALLACE

---

Telephone: (703) 308-9140 EXT 225

**PART 1 - ATTORNEY/APPLICANT COPY**

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U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/553,943	PCT/JP04/05865	8279.974USWO

FORM PCT/DO/EO/905 (371 Formalities Notice)

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USPTO 2/14/2006 3:31 PM PAGE 1/001 Fax Server  
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## Auto-Reply Facsimile Transmission



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Fax Sender at 612-455-3801

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2/14/2006 3:27:38 PM [Eastern Standard Time]

12 (including cover page)

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Received  
Cover  
Page  
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02/14/2006 14:19 612-455-3801		HSML, P.C.	PAGE 5/18
<b>HAMRE, SCHLIMANN, MUELLER &amp; LARSON, P.C.</b> AN INTERNATIONAL INTELLECTUAL PROPERTY LAW FIRM			
FAX TRANSMISSION February 14, 2006			
TO:	Mail Stop: AMENDMENT Examiner: Unknown Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450	FROM: Douglas F. Mueller	
		OUR REF: 00270597402700	
		TELEPHONE: (612) 455-3800	
Total pages, including cover letter: <u>12</u>			
FAX FAX NUMBER: 571-273-3201			
If all pages are NOT received, please call us at 612-455-3800 or fax us at 612-455-3801.			
Title of Document: Communication Re: Submission of Missing Requirements, Declaration of Signed Combined Declaration and Power of Attorney, Information Disclosure Document, Form 14-05, 13 References, Form FCT-542422-0700.			
Applicant: ASADA et al. Serial No.: 107311343 App. Filed: October 20, 2005 Group Art No.: unknown			
Please charge Deposit Account No. 50-6978 in the amount of \$100.00 for Missing Requirements completion fee. Please charge any additional fees or credit overpayment to Deposit Account No. 50-6978. Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter three papers, if appropriate.			
<i>[Signature]</i> By: <i>[Signature]</i> Name: Douglas F. Mueller Reg. No. 30,246			
I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.			
<i>[Signature]</i>		2-14-06	
225 SOUTH SIXTH STREET - SUITE 2100 - MINNEAPOLIS, MN 55402 TEL: 612-455-3800 FAX: 612-455-3801 <a href="http://www.hsmllaw.com">www.hsmllaw.com</a>			
PAGE 5/18 RCVD AT 9/7/2006 3:02:59 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-3/19 * DNIS:2733201 * CSID:612-455-3801 * DURATION (mm:ss):13-26			

CONFIDENTIAL 2/15



**HAMRE, SCHUMANN,  
MUELLER & LARSON, P.C.**

AN INTERNATIONAL INTELLECTUAL PROPERTY LAW FIRM

FAX TRANSMISSION February 14, 2006

TO: Mail Stop: AMENDMENT  
 Examiner: Unknown  
 Commissioner for Patents  
 PO Box 1450  
 Alexandria, VA 22313-1450

FROM: Douglas P. Mueller

OUR REF: 08279.0974USWO

TELEPHONE: (612) 455.3800

Total pages, including cover letter: 12

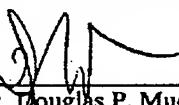
PTO FAX NUMBER: 571.273.3201

If all pages are NOT received, please call us at 612.455.3800 or fax us at 612.455.3801.

Title of Document: **Communication Re: Submission of Missing Requirements, Submission of Signed Combined Declaration and Power of Attorney, Information Disclosure Statement, Form 1449, 13 References, Form PCT/ISA/210 (ISR)**

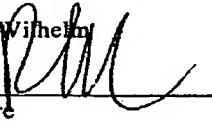
Applicant: ASADA et al.  
 Serial No.: 10/553,943  
 App. Filed: October 20, 2005  
 Group Art No.: unknown

Please charge Deposit Account No. 50-3478 in the amount of \$130.00 for Missing Requirements completion fee. Please charge any additional fees or credit overpayment to Deposit Account No. 50-3478. Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

By:   
 Name: Douglas P. Mueller  
 Reg. No. 30,300

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

Ralynn Wilhelm

Signature 

2-14-06  
 Date

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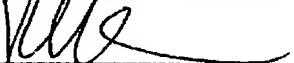
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 TEL 612.455.3800 • FAX 612.455.3801  
 WWW.HSML.COM • MAIL@HSML.COM

S/N 10/553,943

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	ASADA et al.	Examiner:	unknown
Serial No.:	10/553,943	Group Art Unit:	unknown
Filed:	October 20, 2005	Docket:	8279.974USWO
Title:	NOVEL SUBSTANCE HAVING ALPHA-GLUCOSIDASE INHIBITING ACTIVITY AND FOOD CONTAINING THE SAME		

CERTIFICATE UNDER 37 CFR 1.6(d): I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on February 14, 2006.

By:   
Name: Ralynn Wilhelm

SUBMISSION OF MISSING REQUIREMENTS

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

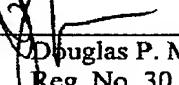
In connection with the above-identified application, enclosed please find the originally signed Combined Declaration and Power of Attorney. Please charge Deposit Account No. 50-3478 in the amount of \$130.00 to cover the Missing Requirements completion fee. To date, we have not received the Notification of Missing Requirements. We therefore do not enclose a copy thereof herewith.

Respectfully submitted,

**52835**

HAMRE, SCHUMANN, MUELLER &  
LARSON, P.C.  
P.O. Box 2902-0902  
Minneapolis, MN 55402-0902  
(612) 455-3800

Dated: February 14, 2006

By:   
Douglas P. Mueller  
Reg. No. 30,300

DPM/rkw